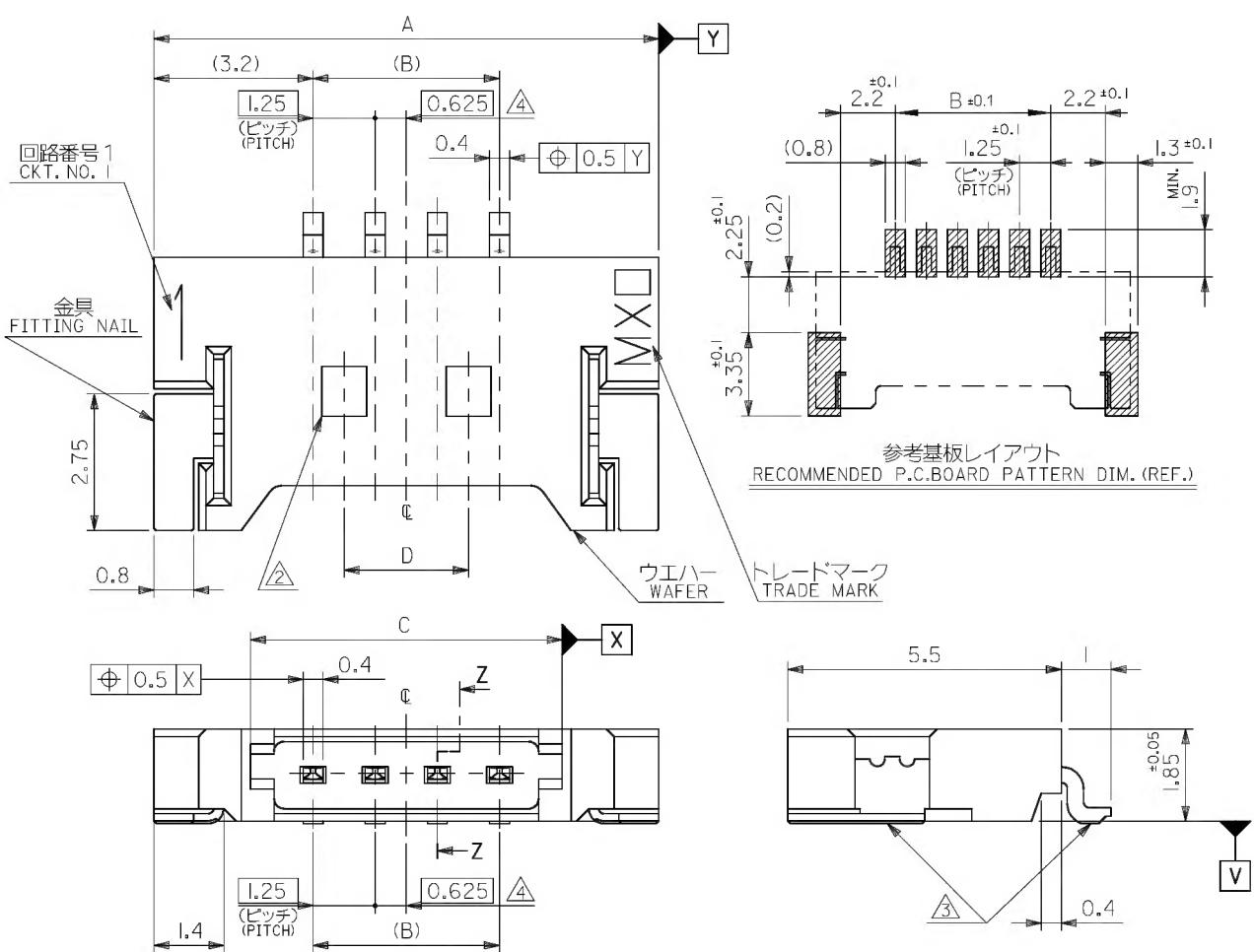


10 9 8 7 6 5 4 3 2 1



### 注記 NOTES

I. 嵌合相手: 51146 シリーズ  
MATES WITH : 51146 SERIES

△ ロック窓は2、3極品は1箇所、4極品以上は2箇所とする。  
LOCKING WINDOW, ONE PLACE FOR 2 AND 3 CIRCUIT PRODUCTS  
AND TWO PLACES FOR MORE THAN 3 CIRCUIT PRODUCTS.

③ 基準面[V]からのソルダーテールと金具の半田付け面のズレ量は、  
上方に0.05MAX. 下方向0.15MAX. とし、20極以下の相互の  
バラツキ量は0.1MAX. とする。  
MISALIGNMENT OF SOLDER TAIL AND FITTING NAIL FROM [V]  
: UPPER DIRECTION 0.05MAX.  
: LOWER DIRECTION 0.15MAX.  
: OFFSET BETWEEN UPPER AND LOWER 0.1MAX. (UNDER 20 CKTS.)

④ 偶数極の製品に適用。  
APPLY EVEN CIRCUIT PRODUCTS.

### 5. 材質 MATERIAL

ウエハ: WAFER : PPS , UL94V-0

ピン: リン青銅 PIN: PHOSPHOR BRONZE

コネクタ部: 金メッキ 0.2 マイクロメートル以上  
CONTACT AREA: GOLD 0.2 MICROMETER MINIMUM  
テール部: 銀メッキ 3.0 マイクロメートル以上  
TAIL AREA: TIN 3.0 MICROMETER MINIMUM

下地メッキ: ニッケルメッキ 1.0 マイクロメートル以上  
UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM

金具: リン青銅 FITTING NAIL: PHOSPHOR BRONZE

銀メッキ 3.0 マイクロメートル以上  
TIN 3.0 MICROMETER MINIMUM

下地メッキ: ニッケルメッキ 1.0 マイクロメートル以上  
UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM

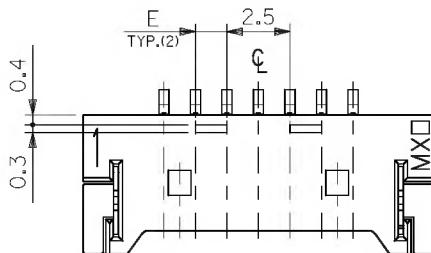
6. 本製品は 53780-\*\*10/-\*\*18 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 53780-\*\*10/-\*\*18.

7. ELV 及びRoHS適合品  
ELV & RoHS COMPLIANT.

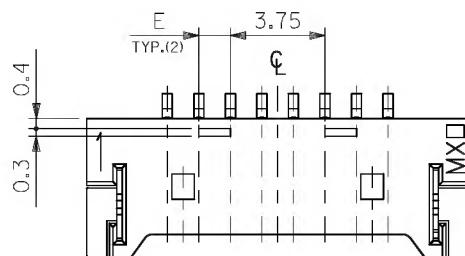
16.25	22.5	38.77	36.25	42.65	53780-3070	30
8.75	22.5	26.27	23.75	30.15	-2070	20
7.5	20	23.77	21.25	27.65	-1870	18
6.25	16.25	20.02	17.5	23.9	-1570	15
5	15	18.77	16.25	22.65	-1470	14
3.75	12.5	16.27	13.75	20.15	-1270	12
2.5	10	13.77	11.25	17.65	-1070	10
2.5	8.75	12.52	10	16.4	-0970	9
1.25	7.5	11.27	8.75	15.15	-0870	8
1.25	6.25	10.02	7.5	13.9	-0770	7
—	5	8.77	6.25	12.65	-0670	6
—	3.75	7.52	5	11.4	-0570	5
—	2.5	6.27	3.75	10.15	-0470	4
—	—	5.02	2.5	8.9	-0370	3
—	—	3.77	1.25	7.65	53780-0270	2
E	D	C	B	A	EMBOSS PACKAGE	CKT. 極数
オーダー番号 ORDER No.						CONNECTOR SERIES NO. 53780-**19

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
REvised EC NO: J2010-0021 DRAWN BY: M.TAKASAKI CHECKED BY: M.SASAO APPR: NUK TA REV: E	DRAWN BY T.UENO DATE '04/04/15 CHECKED BY M.SASAO DATE '04/04/15 APPROVED BY M.SASAO DATE '04/04/15 MATERIAL NO. SEE CHART	DATE '04/04/15 DATE '04/04/15 DATE '04/04/15 DOCUMENT NO. SD-53780-003	TITLE 1.25 W/B CONN WAFER ASSY FOR SMT	
10 UNDER 10 OVER 30 UNDER 30 OVER ANGULAR $\pm 3^\circ$ DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	10 UNDER $\pm 0.2$ 10 OVER 30 UNDER $\pm 0.25$ 30 OVER $\pm 0.3$ ANGULAR $\pm 3^\circ$ DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
REVISED EC NO: J2010-0021 DRAWN BY: M.TAKASAKI CHECKED BY: M.SASAO APPR: NUK TA REV: E	DRAWN BY T.UENO DATE '04/04/15 CHECKED BY M.SASAO DATE '04/04/15 APPROVED BY M.SASAO DATE '04/04/15 MATERIAL NO. SEE CHART	DATE '04/04/15 DATE '04/04/15 DATE '04/04/15 DOCUMENT NO. SD-53780-003	TITLE 1.25 W/B CONN WAFER ASSY FOR SMT	
SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SHEET NO. 1 OF 2		

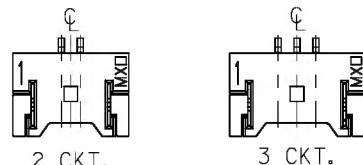
10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1



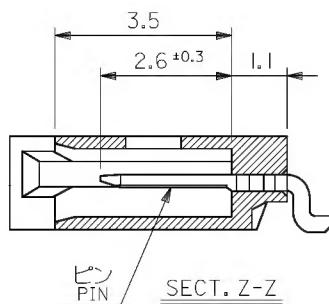
7~19 極の奇数極に適用  
APPLY FOR ODD CIRCUITS OF 7~19



8~30 極の偶数極に適用  
APPLY FOR EVEN CIRCUITS OF 8~30

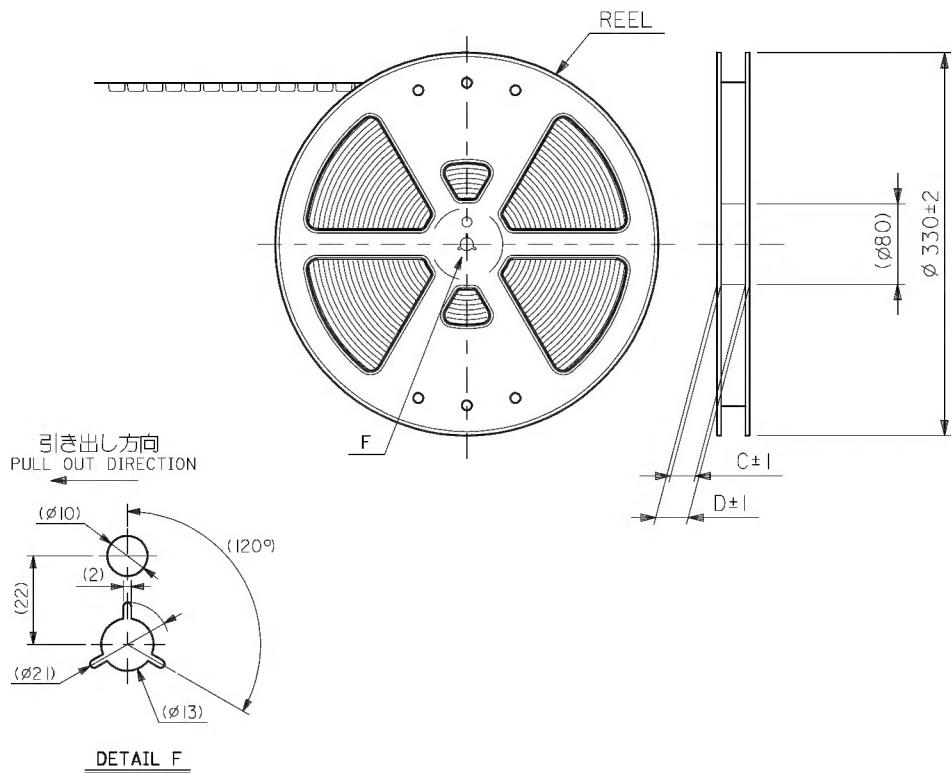


□ツク形状図  
LOCK CONFIGURATION



		CONNECTOR SERIES NO. 53780-**19	
		SCALE ---	DESIGN UNITS METRIC
		THIRD ANGLE PROJECTION	
REVISED			
EC NO: J2010-0021	2009/07/07	DRAWN BY T.UENO	DATE '04/04/15
CH'D:MIYASHI	2009/07/08	CHECKED BY M.SASAO	DATE '04/04/15
APPR:NUK TA	2009/07/08	APPROVED BY M.SASAO	DATE '04/04/15
DESCRIPTION		MATERIAL NO.	TITLE 1.25 W/B CONN WAFER ASSY FOR SMT
10 UNDER	± 0.2		
10 OVER 30 UNDER	± 0.25		
30 OVER	± 0.3		
ANGULAR	± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	MOLEX MOLEX INCORPORATED
REV		DOCUMENT NO. SD-53780-003	SHEET NO. 2 OF 2
A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

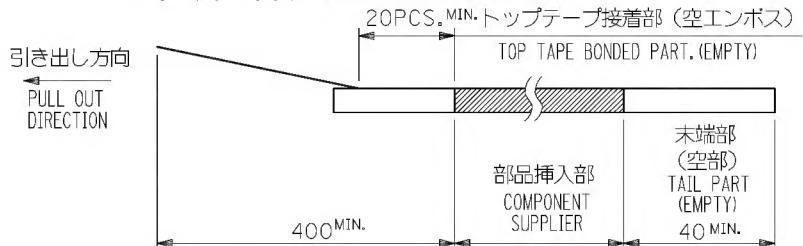
10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1



### NOTES

1. 極包数量: 1500個/リール  
NUMBER OF CONNECTORS : 1500PCS/REEL

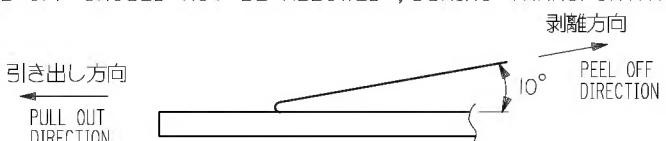
2. リードテープ長さ LEAD TAPE LENGTH



3. トップテープの剥離強度: 0.IN ~ 1.3N(10gf ~ 130gf)  
(剥離方向は下図参照)

尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)

PEELING OFF FORCE OF TOP TAPE : 0.IN ~ 1.3N(10gf ~ 130gf)  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.  
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



### 4. 材料(MATERIAL)

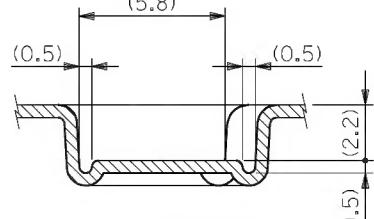
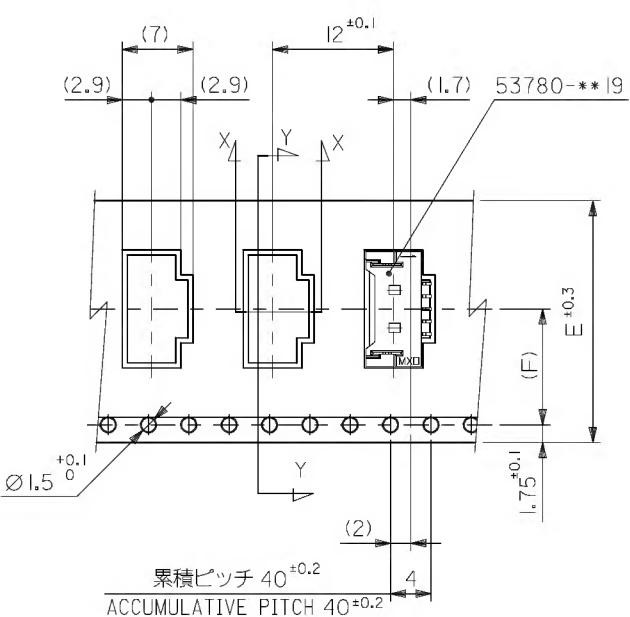
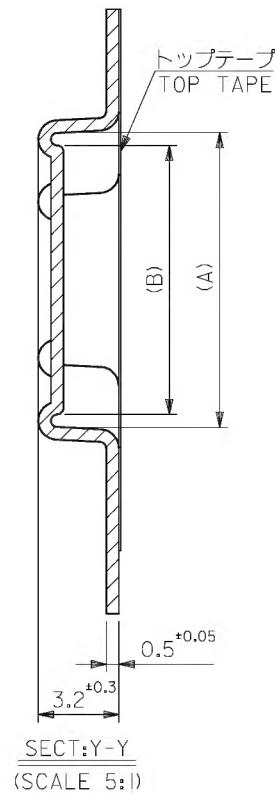
キャリアーテープ(CARRIER TAPE) : ポリプロピレン(POLYPROPYLENE)  
トップテープ(TOPTAPE) : PET, PE, PEF  
リール(REEL) : ポリスチレン(PS) <リサイクル材を含む>  
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>

5. 本製品は 53780-\*\*90/-\*\*80 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 53780-\*\*90/-\*\*80.

6. ELV 及びRoHS適合品  
ELV & RoHS COMPLIANT

REVISED		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	MODEL NO. 53780-**70
EC NO: J2010-0021	2009/07/07	DRAWN BY CHIKD:MIYAYASHI	2009/07/09	DRAWN BY T.UENO	DATE '04/04/15	TITLE 1.25 W/B WAFER ASSY EMBOSSING TAPE PACKAGE		
REVISED	2009/07/09	CHECKED BY APPR:NUKITA	2009/07/09	CHECKED BY M.SASAO	DATE '04/04/15			
B		APPROVED BY M.SASAO		APPROVED BY M.SASAO	DATE '04/04/15			
		DESCRIPTION		MATERIAL NO.				
		10 UNDER	± 0.2					
		10 OVER 30 UNDER	± 0.25					
		30 OVER	± 0.3					
		ANGULAR	± 3 °					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART				
		REV		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

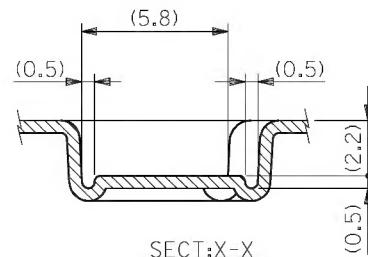
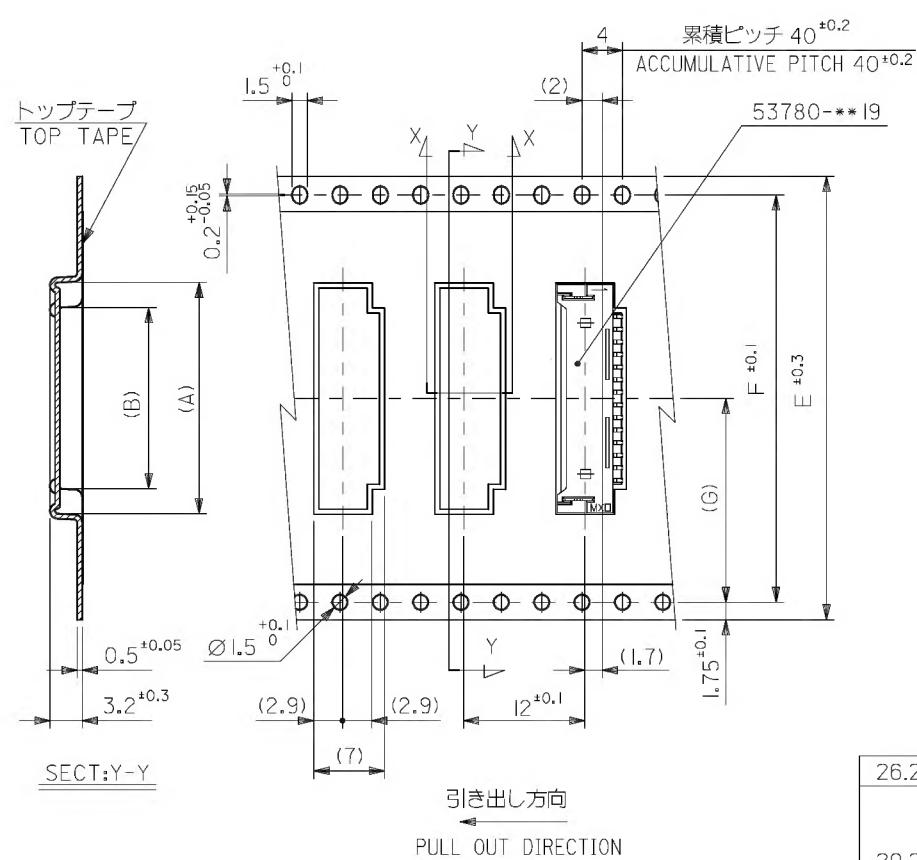
10 9 8 7 6 5 4 3 2 1



11.5	24	29.4	25.4	11.75	16.7	53780-0970	9
7.5	16	21.4	17.4	10.5	15.45	53780-0870	8
(F)	E	D	C	9.25	14.2	53780-0770	7
	キャリアーテープ幅 CARRIER TAPE WIDTH	(B)	(A)	8	12.95	53780-0670	6
				6.75	11.7	53780-0570	5
				5.5	10.45	53780-0470	4
				4.25	9.2	53780-0370	3
				3	7.95	53780-0270	2
						MODEL NO.	53780-**70
						DESIGN UNITS	METRIC
						THIRD ANGLE PROJECTION	

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	TITLE 1.25 W/B WAFER ASSY EMBOSSING TAPE PACKAGE	
DRAWN BY: TAKASAKI 2009/07/09 CHKD:MIYASHI 2009/07/09 APPR:NUKITA 2009/07/09		DRAWN BY: T.UENO DATE: '04/04/15 CHECKED BY: M.SASAO DATE: '04/04/15 APPROVED BY: M.SASAO DATE: '04/04/15		MATERIAL NO. SEE CHART		MOLEX MOLEX INCORPORATED	
REVISED EC NO: J2010-0021 DRAWN BY: TAKASAKI 2009/07/09 CHKD:MIYASHI 2009/07/09 APPR:NUKITA 2009/07/09		DESCRIPTION 10 UNDER ±0.2 10 OVER 30 UNDER ±0.25 30 OVER ±0.3 ANGULAR ±3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NO. SD-53780-004		SHEET NO. 2 OF 3	
REV B		REV B		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

10 9 8 7 6 5 4 3 2 1



26.2	52.4	56	61.4	57.4	38	42.95	53780-3070	30
					25.5	30.45	53780-2070	20
					25.5	27.95	53780-1870	18
20.2	40.4	44	49.4	45.4	19.25	24.2	53780-1570	15
					18	22.95	53780-1470	14
14.2	28.4	32	37.4	33.4	15.5	20.45	53780-1270	12
(G)	F	E キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	数 C.R.T.
							MODEL NO.	53780-**70

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE ---	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION			
10 UNDER	± 0.2	DRAWN BY T.UENO	DATE '04/04/15	TITLE <b>1.25 W/B WAFER ASSY EMBOSSING TAPE PACKAGE</b>				
10 OVER 30 UNDER	± 0.25	CHECKED BY M.SASAO	DATE '04/04/15					
30 OVER	± 0.3	APPROVED BY M.SASAO	DATE '04/04/15					
ANGULAR	± 3 °	MATERIAL NO.		MOLEX	MOLEX INCORPORATED			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO. SD-53780-004	SHEET NO. 3 OF 3			
REVISED EC NO: J2010-0021 DRAWN:M.TAKASAKI CHKD:MIYASHI APPR:NUKITA	REVISED EC NO: J2010-0021 DRAWN:M.TAKASAKI CHKD:MIYASHI APPR:NUKITA	REVISED EC NO: J2010-0021 DRAWN:M.TAKASAKI CHKD:MIYASHI APPR:NUKITA	REVISED EC NO: J2010-0021 DRAWN:M.TAKASAKI CHKD:MIYASHI APPR:NUKITA	REVISED EC NO: J2010-0021 DRAWN:M.TAKASAKI CHKD:MIYASHI APPR:NUKITA	REVISED EC NO: J2010-0021 DRAWN:M.TAKASAKI CHKD:MIYASHI APPR:NUKITA	REVISED EC NO: J2010-0021 DRAWN:M.TAKASAKI CHKD:MIYASHI APPR:NUKITA	REVISED EC NO: J2010-0021 DRAWN:M.TAKASAKI CHKD:MIYASHI APPR:NUKITA	REVISED EC NO: J2010-0021 DRAWN:M.TAKASAKI CHKD:MIYASHI APPR:NUKITA
SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							